

図 1

座標[X, Y]	i-3	i-2	i-1	i	i+1	i+2	i+3	座標[X, Y]	i-3	i-2	i-1	i	i+1	i+2	i+3
j-3	B	G	B	G	B	G	B	j-3	R	G	R	G	R	G	R
j-2	G	R	G	R	G	R	G	j-2	G	B	G	B	G	B	G
j-1	B	G	B	G	B	G	B	j-1	R	G	R	G	R	G	R
j	G	R	G	R	G	R	G	j	G	B	G	B	G	B	G
j+1	B	G	B	G	B	G	B	j+1	R	G	R	G	R	G	R
j+2	G	R	G	R	G	R	G	j+2	G	B	G	B	G	B	G
j+3	B	G	B	G	B	G	B	j+3	R	G	R	G	R	G	R

(1)

(2)

⊗ 2

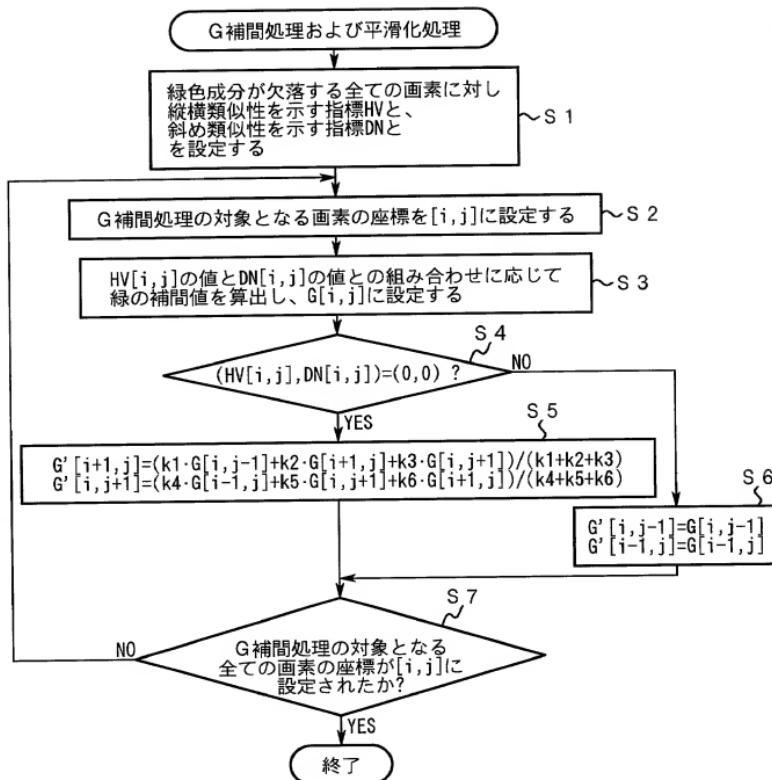


図 3

1		1
	4	
1		1

$\times 1/8$

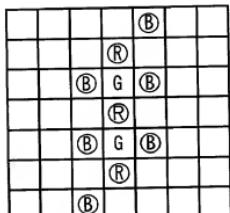
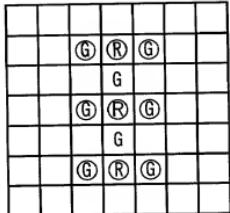
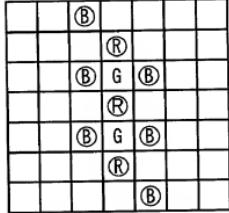
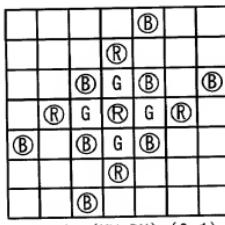
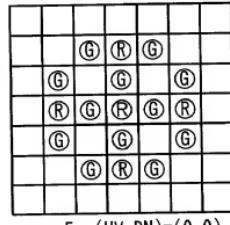
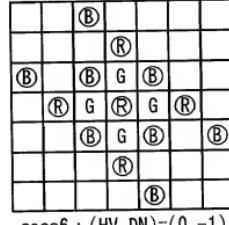
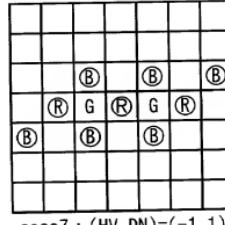
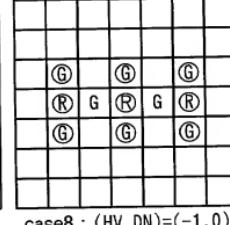
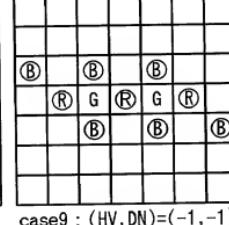
(1) 方法 1 に相当する
類似度成分の加重加算

		1		
	2		2	
1		4		1
	2		2	
		1		

$\times 1/16$

(2) 方法 2 に相当する
類似度成分の加重加算

図 4

case1 : $(HV, DN) = (1, 1)$ case2 : $(HV, DN) = (1, 0)$ case3 : $(HV, DN) = (1, -1)$ case4 : $(HV, DN) = (0, 1)$ case5 : $(HV, DN) = (0, 0)$ case6 : $(HV, DN) = (0, -1)$ case7 : $(HV, DN) = (-1, 1)$ case8 : $(HV, DN) = (-1, 0)$ case9 : $(HV, DN) = (-1, -1)$

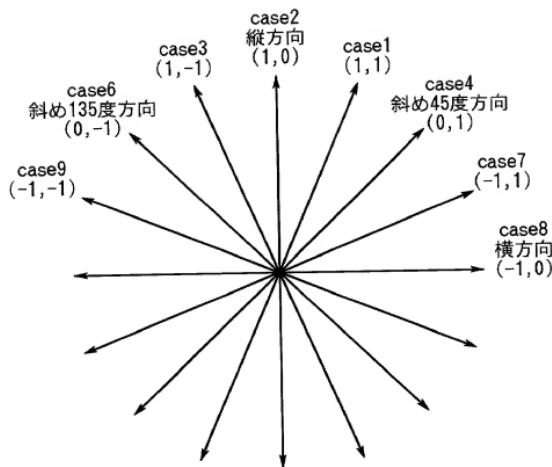


図 6

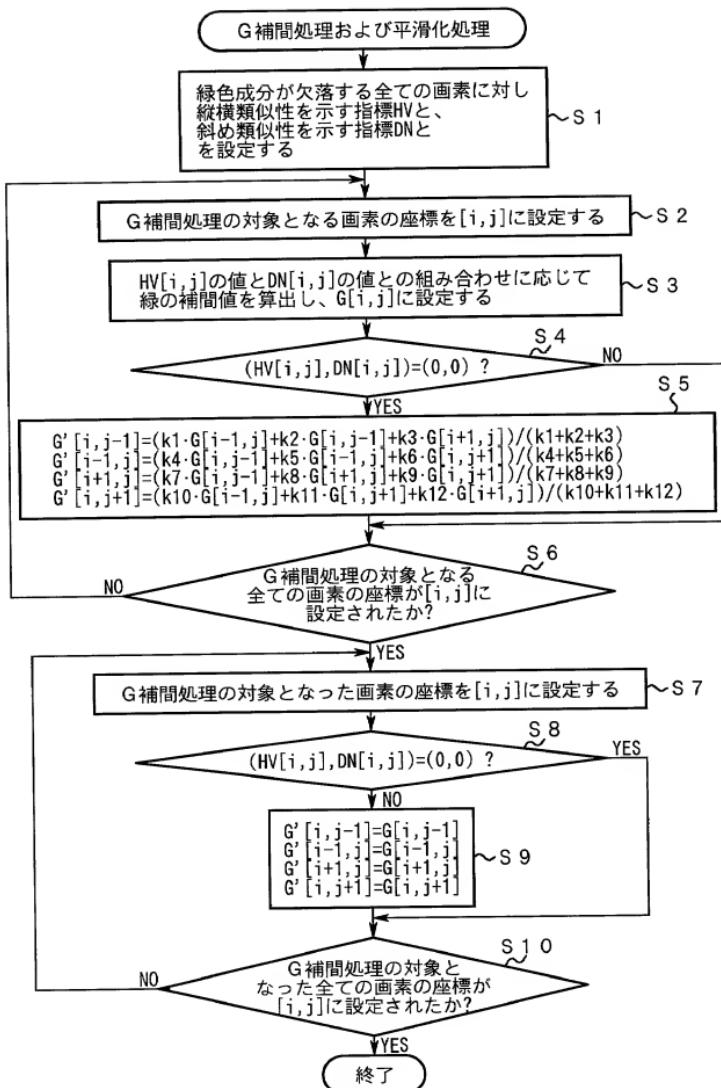


図 7

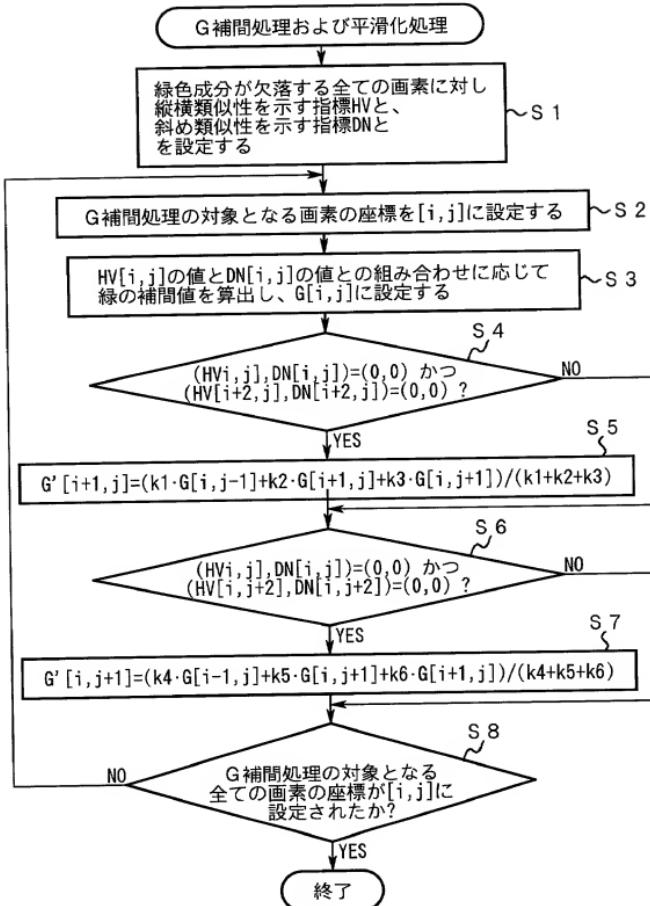


図 8

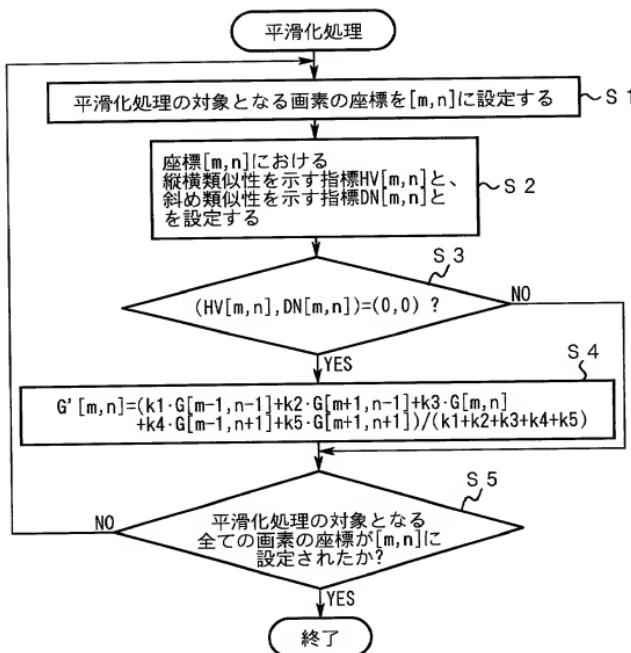


図 9

格子パターンを示す画像の色情報の値の例を示す図

座標[X, Y]	i-3	i-2	i-1	i	i+1	i+2	i+3
j-3	B=150	G=200	B=150	G=200	B=150	G=200	B=150
j-2	G=100	R=150	G=100	R=150	G=100	R=150	G=100
j-1	B=150	G=200	B=150	G=200	B=150	G=200	B=150
j	G=100	R=150	G=100	R=150	G=100	R=150	G=100
j+1	B=150	G=200	B=150	G=200	B=150	G=200	B=150
j+2	G=100	R=150	G=100	R=150	G=100	R=150	G=100
j+3	B=150	G=200	B=150	G=200	B=150	G=200	B=150

(1)

格子パターンを示す画像に補間処理を行った後の
緑色成分の値の例を示す図

座標[X, Y]	i-3	i-2	i-1	i	i+1	i+2	i+3
j-3	150	200	150	200	150	200	150
j-2	100	150	100	150	100	150	100
j-1	150	200	150	200	150	200	150
j	100	150	100	150	100	150	100
j+1	150	200	150	200	150	200	150
j+2	100	150	100	150	100	150	100
j+3	150	200	150	200	150	200	150

(2)

図 10